

ABSTRACT

A hose 20 made of thermoplastic resin is heated by flowing high temperature such as vapor into the hose, the flow of the high temperature fluid is restricted downstream of the hose to pressurize an interior of the hose. The hose heated in this manner is bent by bending jigs 51 and 52. Lastly, cold temperature fluid such as water is allowed to flow into the hose to cool and harden the hose, thereby producing a flexion resin hose. Alternatively, the hose is formed with a corrugated portion having uneven characteristics in its circumferential direction with respect to tensile strength in the axial direction. High temperature and high pressure fluid is allowed to flow into the hose to heat and pressurize the hose, thereby bending the corrugated portion by an internal pressure. Then, cold temperature fluid is allowed to flow into the hose to cool and harden the hose, thereby producing the flexion resin hose. It is possible to heat, bend and cool the hose in a short cycle with high precision, and it is possible to provide a method for producing a flexion resin hose having excellent productivity.